

BISHOP AUCKLAND URBAN DISTRICT COUNCIL.

Interim Report of the Medical Officer of Health for
the Year 1939.

Mr. Chairman and Gentlemen,

In accordance with the recommendation of the Ministry of Health contained in the Circular 2067 of the 19th July last, the following interim report is presented in place of the usual annual report, and in the interests of economy the report is not printed but typed.

STATISTICS:- The district comprises 9,336 acres. The resident population in mid-year 1939 was estimated by the Registrar General to be 35,110. The average population appropriate to the calculation of death rates is estimated to be 35,290.

According to the district's rate books the number of inhabited houses at the end of 1939 was 9,897.

The rateable value is £134,822 and the sum represented by a penny rate is £443. 6. 9d.

In the following extracts from the district's vital statistics the corrected figures as supplied by the Registrar General are used, and the rates quoted are calculated on the above mentioned estimates of population.

<u>LIVE BIRTHS.</u>	Total.	Males.	Females.
Legitimate -	572	299	273
Illegitimate -	37	17	20
Birth rate per 1,000 of estimated resident population			17.3

<u>STILL BIRTHS.</u>	Total.	Males.	Females.
	29	18	11
Rate per 1,000 total (live and still) births			45.5

<u>DEATHS.</u>	Total.	Males.	Females.
	468	267	201
Death rate per 1,000 of estimated average population			13.3

DEATHS FROM PUERPERAL CAUSES.

	Deaths.	Rate per 1,000 births.
(a) from Puerperal Sepsis	2	3.1
(b) from other Puerperal Causes	1	1.6
Total	3	4.7

DEATH RATE OF INFANTS UNDER ONE YEAR OF AGE.

All infants per 1,000 live births	65.7
Legitimate infants per 1,000 legitimate live births	65.5
Illegitimate infants per 1,000 illegitimate live births	27

Deaths from Cancer (all ages)	49
" " Measles (all ages)	0
" " Whooping Cough (all ages)	4
" " Diarrhoea (under 2 years of age)	2

NOTIFIABLE DISEASES.

The following table shows the incidence during the year of the various notifiable diseases.

Disease.	Total cases notified.	Cases admitted to Hospital.	Total deaths.
Smallpox.	0	0	0
Scarlet Fever.	48	41	0
Diphtheria.	43	43	0
Enteric Fever.	2	2	0
Puerperal Pyrexia.	11	5	2
Pneumonia.	7	0	16
Cerebro-Spinal-Fever.	1	1	0
Encephalitis.	1	1	1

TUBERCULOSIS.

The following table shows, in arrangement by age groups, the number of new cases notified and of deaths from Tuberculosis occurring in the district in 1939.

Age periods.	New Cases.				Deaths.			
	Pulmonary		Nonpulmonary		Pulmonary.		Nonpulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0-	-	-	-	-	-	-	-	-
1-	-	-	1	-	-	-	-	-
5-	-	-	8	3	-	-	-	-
15-	5	1	3	6	-	1	1	2
25-	4	2	1	2	3	-	-	-
35-	3	2	-	1	1	2	-	-
45-	2	-	-	-	4	-	-	-
55-	-	1	1	1	1	-	-	-
65 and upwards.	-	-	-	-	1	-	-	-
Totals.	14	6	14	13	10	3	1	2

During the year no important change was effected in the general provision of health services of the district nor did there occur any evidence of invalidity which calls for special comment in this report.

I am,

Mr. Chairman and Gentlemen,

Your obedient Servant,

H. G. DONALD.

BISHOP AUCKLAND URBAN DISTRICT COUNCILInterim Report of the Medical Officer of Health
for the year 1940.

Mr. Chairman and Gentlemen,

As in the previous year, in the interests of economy, this brief type-written report is submitted in place of the customary printed and more extensive annual report.

AREA AND SOCIAL CONDITIONS:- The area comprises 9,336 acres. The resident population (civilian) in mid year 1940 was estimated by the Registrar General to be 34,650 as compared with an estimated population of 35,290 a year previously.

The number of inhabited houses, according to the District's rate books was 10,240 at the end of 1940.

The rateable value was £137,111 and the product of a penny rate £511.

STATISTICS:- In the following extracts from the District's vital statistics the corrected figures as supplied by the Registrar General are used, and the rates quoted are calculated on the above mentioned estimate of population. Where comparisons are drawn between this District's and the County District's vital statistics the County figures have been obtained from quarterly reports of the County Medical Officer, not from the corrected estimates of the Registrar General.

<u>LIVE BIRTHS</u>	Total	Males	Females
Legitimate	565	271	294
Illegitimate	31	18	13
Total	596	289	307

Birth rate per 1,000 of the estimated population - 17.2

The birth rate in the area during the previous year was 17.3 and the rate in the County as a whole during 1940 was 16.7.

<u>STILL BIRTHS</u>	Total	Males	Females
	34	13	21

Rate per 1,000 total (live and still) births 54.0
as compared with a rate of 45.5 in the previous year,

<u>DEATHS</u>	Total	Males	Females
	524	292	232

Death rate per 1,000 of the estimated population 15.1
The equivalent rate for 1939 was 13.3
The death rate for the whole County in 1940 was 12.5

<u>DEATHS FROM PUERPERAL CAUSES</u>	Deaths	Rate per 1,000 births
(a) from Puerperal Sepsis	3	4.8
(b) from other Puerperal Causes	1	1.5
Total	4	6.3

DEATH RATE OF INFANTS UNDER ONE YEAR OF AGE

All infants per 1,000 live births	83.0
Legitimate infants per 1,000 legitimate live births	80.6
Illegitimate infants per 1,000 illegitimate live births	129.0
The County infant mortality rate for 1940 was	61.0
The infant mortality rate for this District in 1939 was	65.7

Deaths from Cancer (all ages)	56
" " Measles (all ages)	2
" " Whooping Cough (all ages)	1
" " Diarrhoea (under 2 years of age)	7

INFECTIOUS DISEASES

The following table shows the incidence during the year of the various notifiable diseases..

<u>Disease</u>	Total cases notified.	Cases admitted to Hospital.	Total deaths,
Smallpox	0	0	0
Scarlet Fever	53	45	0
Diphtheria	82	82	2
Enteric Fever	1	1	0
Puerperal Pyrexia	11	9	3
Pneumonia	35	0	17
Cerebro Spinal Fever	22	19	4

TUBERCULOSIS

The following table shows, in arrangement by age groups, the number of new cases notified and of deaths from Tuberculosis occurring in the District during 1940.

Age Periods.	New Cases				Deaths			
	Pulmonary		Non Pulmonary		Pulmonary		Non Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0-	-	-	-	-	-	-	-	-
1-	-	-	3	-	-	-	-	1
5-	-	-	6	3	1	-	-	-
15-	4	4	1	3	2	3	-	1
25-	3	5	-	-	4	3	1	1
35-	4	1	1	-	1	2	-	-
45-	4	-	2	-	2	1	1	-
55-	-	-	-	-	2	2	-	-
65 and upwards.	1	-	-	-	-	-	-	-
Totals	16	10	13	6	12	11	2	3
Totals in 1939	14	6	14	13	10	3	1	2

Of the deaths from Tuberculosis which occurred during the year three deaths from pulmonary and one death from non-pulmonary Tuberculosis were of patients who, prior to their decease, had not been notified as Tuberculosis.

During the year no important change was effected in the general provision of health services in the district. The incidence of Cerebro Spinal Meningitis was unduly high. The death rate, thanks largely to the modern treatment by M & B 693 was, at 18%, by no means excessive. Impaired ventilation of dwelling houses consequent upon war conditions may have well accounted for the increased incidence of Cerebro Spinal Meningitis and also for the increased incidence of and the increased death rate from Pulmonary Tuberculosis. The suspension of the Council's and private enterprise building programme with consequent overcrowding and retention of inferior types of dwellings may well be expected to reflect adversely on the health of the civilian population. It is yet, however, too early to dogmatise upon this aspect of war-time conditions so far as the local populace are concerned.

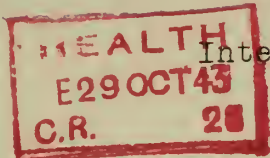
I am,

Mr. Chairman and Gentlemen,

Your obedient servant,

H.G. DONALD.

BISHOP AUCKLAND URBAN DISTRICT COUNCIL



Interim Report of the Medical Officer of Health
for the years 1941 & 1942.

LIBRARY

Mr. Chairman and Gentlemen,

In the interests of economy, despite the fact that the corrected figures of the Registrar General in respect of the district's statistics for 1942 have not yet come to hand, I beg to submit the following Interim Report in respect of the years 1941 and 1942.

VITAL STATISTICS:- In the following extracts from the district's vital statistics the figures given for the year 1941 are the corrected figures as supplied by the Registrar General. Those given for the year 1942 are based on the returns of the local registrar, after being adjusted for inwardly and outwardly transferable births and deaths. The statistics for either year have been calculated upon an estimated population of 34,650 persons.

<u>LIVE BIRTHS.</u>	<u>1941.</u>			<u>1942.</u>		
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females.</u>
Legitimate	569	273	296	479	245	234
Illegitimate	31	20	11	84	43	41
<u>Total</u>	600	293	307	563	288	275

Birth rate per 1,000 of estimated population.	17.2	16.2
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<u>STILL BIRTHS.</u>	<u>1941.</u>			<u>1942.</u>
Legitimate	19	12	7	Figures are not yet available.
Illegitimate	1	1	-	
<u>Total</u>	20	13	7	

Rate per 1,000 total (live and still) births was 32.2; as compared with equivalent rates of 45.5 and 54.0 in 1939 and 1940 respectively.

<u>DEATHS.</u>	<u>1941.</u>			<u>1942.</u>		
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females.</u>
	444	215	229	445	231	214

Death rate per 1,000 of the estimated population	12.7	12.7
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The district's death rate for 1939 and 1940 was 13.3 and 15.1. The death rate for the County as a whole in 1941 and 1942 was 12.1 and 11.5.

DEATHS FROM PUERPERAL CAUSES.

	<u>1941.</u>	<u>1942.</u>
(a) from Puerperal Sepsis	1	-
(b) from other Puerperal Causes	3	2

Puerperal death rate per 1,000 births.

(a) from Puerperal Sepsis	1.5	-
(b) from other Puerperal Causes	4.8	3.5

DEATH RATE OF INFANTS UNDER ONE YEAR OF AGE.

	<u>1941</u>	<u>1942</u>
All infants per 1,000 live births	63.3	65.3
Legitimate infants per 1,000 legitimate births	67.1	69.0
Illegitimate infants per 1,000 illegitimate births	-	24.0

The district's infant mortality rate in the years 1939 and 1940 was 65.7 and 83.0 respectively.

Deaths from Cancer (All ages)	56	64
" " Measles (All ages)	-	-
" " Whooping Cough (All ages)	1	-
" " Diarrhoea (Under 2 years)	2	-
" " Road Traffic Accidents	4	3
" " Other Violent Causes	11	15

INFECTIOUS DISEASES:- The following tables show the incidence of the various notifiable diseases during the two years under review:-

1941.

	<u>Total cases notified.</u>	<u>Cases admitted to Hospital.</u>	<u>Total deaths.</u>
Smallpox	0	0	0
Scarlet Fever	99	85	0
Diphtheria	119	119	2
Enteric Fever	4	4	0
Measles	83	0	0
Whooping Cough	217	0	1
Pneumonia	24	0	10
Puerperal Pyrexia	2	1	1
Cerebro Spinal Meningitis	8	7	1
Dysentery	2	2	0
Ophthalmia Neonatorum	6	1	0

1942.

Smallpox	0	0	0
Scarlet Fever	80	71	0
Diphtheria	86	80	1
Enteric Fever	0	0	0
Measles	220	0	0
Whooping Cough	70	0	0
Pneumonia	39	0	20
Puerperal Pyrexia	8	5	0
Cerebro Spinal Meningitis	9	7	0
Dysentery	0	0	0
Ophthalmia Neonatorum	3	2	0

TUBERCULOSIS:- The tables on Page 3 show, in arrangement by age groups, "A" - the number of new cases notified; and "B" - the number of deaths from Tuberculosis occurring in the district during the two years under review.

Of the deaths from Tuberculosis which occurred in the two years under review the following numbers occurred among persons who, prior to their decease, had not been notified as suffering from the disease.

In 1941 four sufferers from Pulmonary and one from Non-Pulmonary Tuberculosis.

In 1942 one sufferer from Pulmonary and three from Non-Pulmonary Tuberculosis.

TABLE "A" - New Cases Notified.

Age Groups	1941				1942			
	Pulmonary		Non Pulmonary		Pulmonary		Non Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0-	0	0	1	0	0	0	0	0
1-	1	0	1	0	0	0	2	1
5-	0	0	3	7	0	1	5	4
15-	3	4	2	2	4	9	1	1
25-	7	6	0	0	5	8	0	1
35-	5	2	0	0	3	2	2	0
45-	2	3	1	0	3	0	0	0
55-	0	0	0	0	3	1	0	0
65 & upwards.	0	0	0	0	0	0	0	0
Total	18	15	8	9	18	21	10	7

TABLE "B" - Deaths from Tuberculosis.

Age Groups	1941				1942			
	Pulmonary		Non Pulmonary		Pulmonary		Non Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0-	0	0	0	0	0	0	0	0
1-	0	0	0	0	0	0	0	1
5-	0	1	0	0	0	0	0	0
15-	1	3	1	0	1	4	1	1
25-	2	1	0	0	2	5	0	6
35-	1	0	0	0	2	1	1	0
45-	1	1	0	1	1	1	0	0
55-	1	0	0	0	1	0	0	0
65 & upwards.	0	0	0	0	0	0	0	0
Total	6	6	1	1	7	11	2	2

SPECIAL HEALTH SERVICES.

Diphtheria Prophylaxis:- Under the scheme of Immunisation treatments against Diphtheria there were completed during 1941, 3,101 full courses of treatment and during 1942, 784 full courses of treatment. My estimate of the child population between the ages of 1 and 16 years who have, during the present campaign, received a full course of treatment prior to the end of 1942 is:-

- (a) Children between 1 and 5 years of age - 44%
- (b) " " 5 " 16 " " " - 57.5%

Diphtheria Immunisation and the progress of the local campaign have been the subject of special reports to your Council during the past two years and call for no further comment here.

Treatment of Scabies:- By action under provisions of the Scabies Order, 1941, a total of 508 patients have had a full course of treatment at the Council's Centre for the treatment of Scabies during 1942. It is gratifying to be able to report that the Centre has become popular with the general public. A large proportion of the cases treated have come voluntarily to seek inspection and treatment; and many have subsequently expressed their appreciation of the quick and easy cure. The return of re-infected patients has, happily, been rare and almost all return cases have occurred through the family's failure to observe instructions regarding the sending of all affected members of the household for treatment at the same time.

SUMMARY.

A view of the above vital statistics gives cause for gratification in showing that last year:-

- (a) the general death rate is the lowest since the war commenced;
- (b) the still birth rate (1941) is the lowest since war commenced;
- (c) the puerperal death rate is the lowest since the war commenced;
- (d) the death rate from the principal Zymotic Diseases is the lowest since the war commenced;
- (e) the infant mortality rate has remained more or less steady during the war years.

The subject of Diphtheria Immunisation and the progress of its campaign have been referred to in special reports to your Council and call for no further comment here.

The epidemic of Measles which started in the latter part of 1942 has continued unabated up to the time of the presentation of this report. Fortunately, the infection is of a mild type and has caused no deaths.

I am,

Mr. Chairman and Gentlemen,

Your obedient servant,

H. G. DONALD,

Medical Officer of Health.

16th. March, 1943.